



# **Radiological Surveys at Various Areas Former Naval Station Treasure Island**

**August 2015 BCT Meeting**

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**8/19/2015**

# Radiological Scanning of Various Areas – Part I



- **Three Project Areas**
  - Building 3
  - Selected Storm and Wastewater Lines
  - IR Site 32

# Draft Survey Report Schedule



## Schedule

Draft Building 3 FSS Report

September 2, 2015

Draft Site 32A FSS Report

November 16, 2015

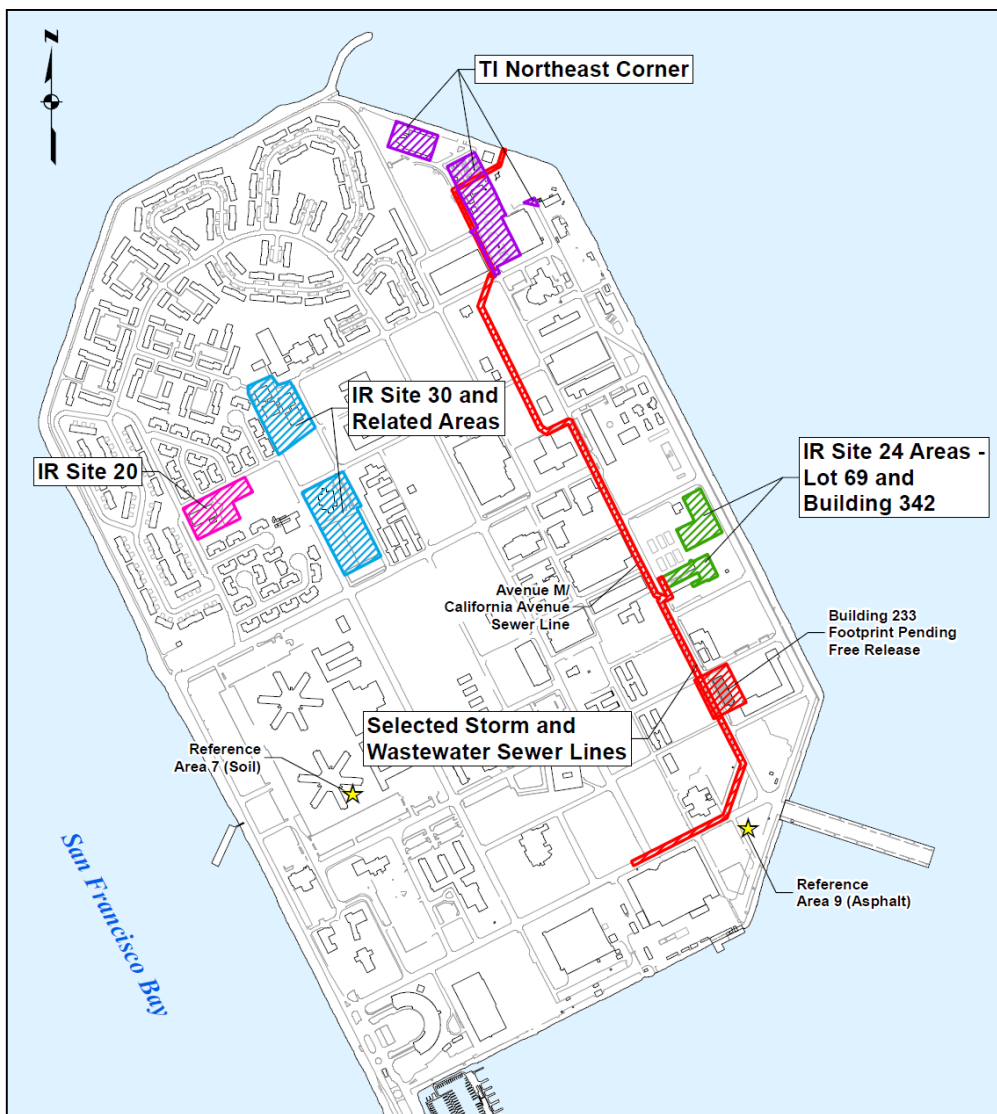
Draft Selected Storm Water  
*Characterization* Survey Report with  
recommendation for No Further  
Action

or

*Class 3* Final Status Survey Report

September 15, 2015

# Radiological Scanning of Various Areas – Part II



- **Five (5) Project Areas:**
  - TI Northeast Corner
  - IR Site 30 and Related Areas
  - IR Site 24 Areas – Lot 69 and Building 342
  - IR Site 20
  - Selected Storm and Wastewater Sewer Lines

# TI Northeast Corner



## Status as of 8/10/2015

SU	Surface Material	Scans (% Complete)	Swipe/Soil Samples (% Complete)	Remediation Required (Yes/No)
1	Soil	100%	100%	Results pending
2	Building interior	90*%	90*%	Results pending
3	Building exterior	90*%	90*%	Results pending
4	Asphalt	100%	100%	Results pending
5	Asphalt/Soil	100%	100%	Results pending
6	Asphalt	100%	100%	Results pending
7	Asphalt	100%	100%	Results pending
8	Asphalt	100%	100%	Results pending

90\*% = Scan is 100% complete. Data is being reviewed and additional static measurements may be collected.



# IR Site 30/30N/30S



Status as of 8/10/2015

SU	Surface Material	Scans (% Complete)	Swipe/Soil Samples (% Complete)	Remediation Required (Yes/No)
1	Asphalt/Soil	100%	100%	No
2	Asphalt/Soil	100%	100%	No
3	Asphalt/Soil	100%	100%	No
4	Asphalt/Soil	100%	100%	No
5	Asphalt	100%	100%	No
6	Asphalt/Soil/ Concrete	100%	100%	No
7	Asphalt/Soil/ Concrete	100%	100%	No
8	Asphalt	100%	100%	No
9	Asphalt	100%	100%	No
10	Asphalt	100%	100%	No

# IR Site 30 Debris Investigation

- Ten borings were advanced adjacent to and under Bldg 502
- Two samples were collected per boring and analyzed for gamma spec (Ra-226 and daughters)
- Identified burnt debris in 2 borings, consistent with previous findings
- Final results are below screening criterion



# IR Site 24 Areas – Lot 69 and Building 342



Status as of 8/10/2015

SU	Surface Material	Scans (% Complete)	Swipe/Soil Samples (% Complete)	Remediation Required (Yes/No)
1	Asphalt/Soil/Concrete	100%	100%	No
2	Building interior	100%	100%	No
3	Asphalt/Soil/Concrete	100%	100%	No
4	Asphalt/Soil/Concrete	100%	100%	Results pending
5	Asphalt/Soil	100%	100%	No

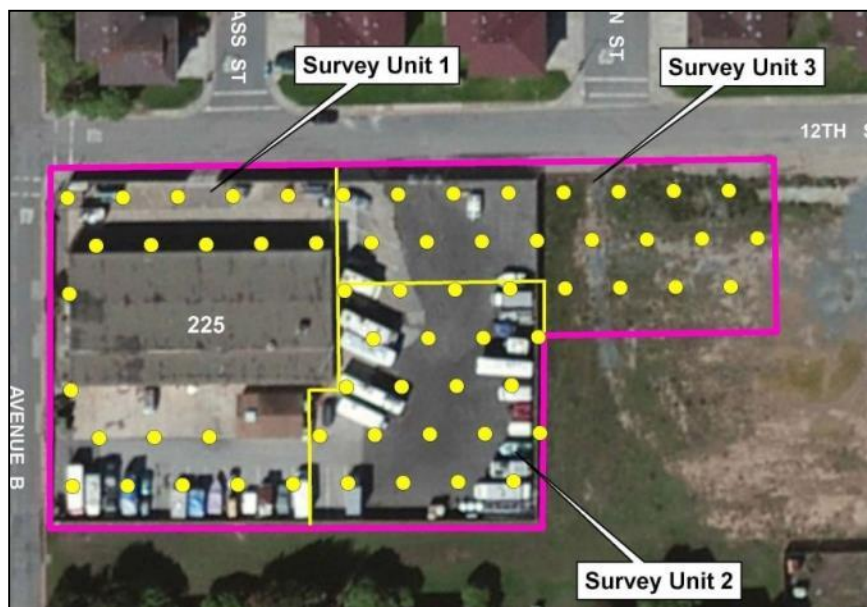


# IR Site 20



Status as of 8/10/2015

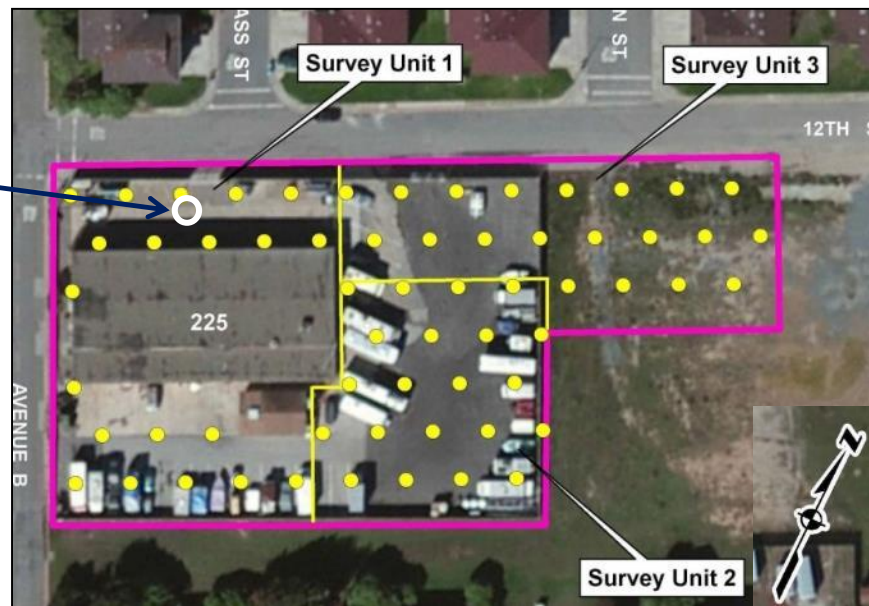
SU	Surface Material	Scans (% Complete)	Swipe/Soil Samples (% Complete)	Remediation Required (Yes/No)
1	Asphalt	100%	100%	Yes
2	Asphalt	100%	100%	No
3	Asphalt/Soil	100%	100%	No



# IR Site 20

Sample Location	Sample Date	Radium-226 (pCi/g)		Notes
		Result (pCi/g)	MDC	
Excavation bottom	7/14/2015	0.755	0.106	
Southwest Wall	7/14/2015	0.438	0.108	
Northeast Wall	7/14/2015	0.574	0.122	
South Wall	7/14/2015	1.86	0.134	Overexcavated/removed on 7/30/2015
South Wall	7/30/2015			Results pending
Above TI screening criterion for Ra-226 (1.69 pCi/g)				

Approximate  
location of  
remediation



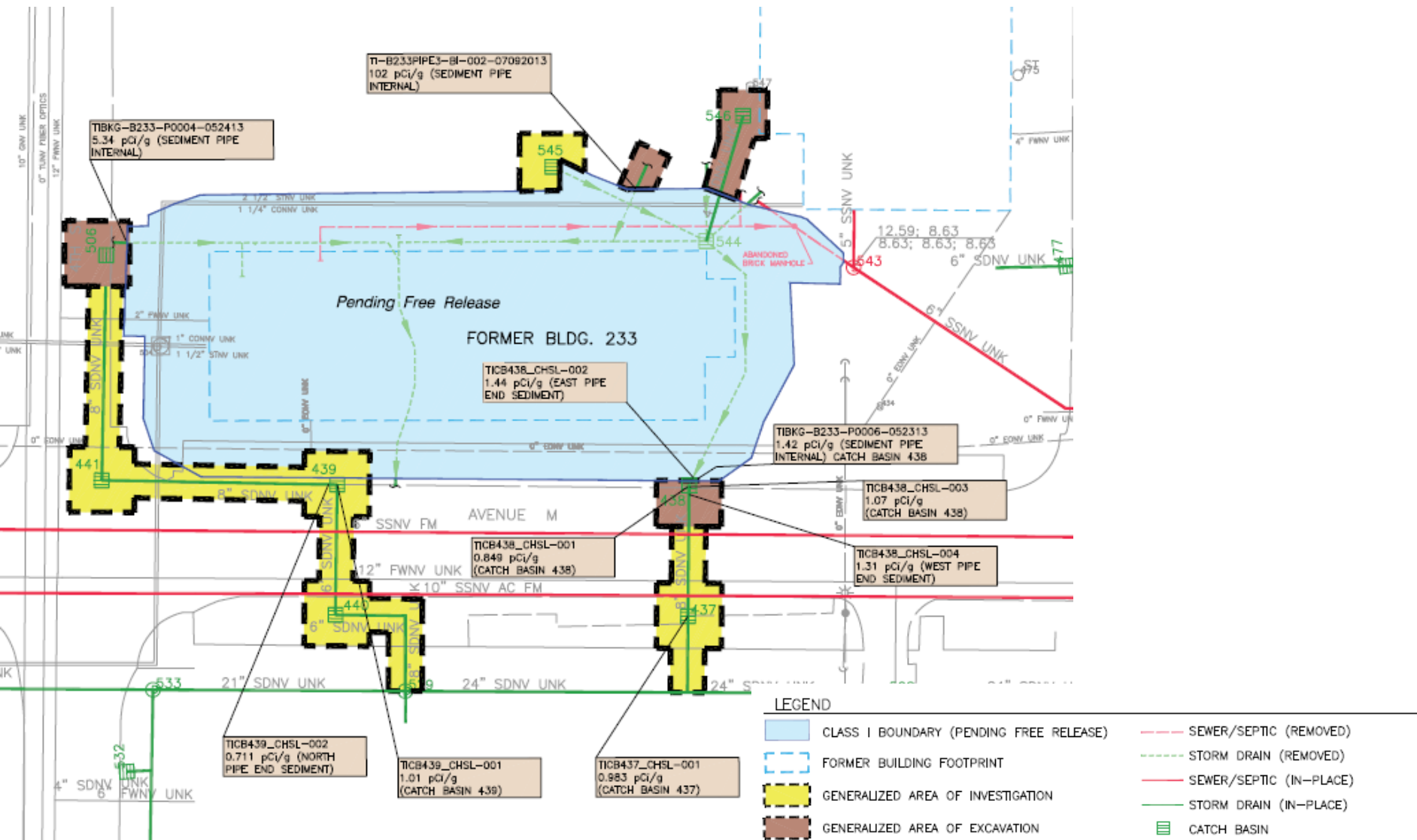
# Selected Storm and Wastewater Sewer Lines

## Former Building 233 Work Completed:

- Catch Basins 506, 546, and 438 have been excavated and sampled
- Draft 7-day results received; results below screening criterion
- Excavated soil screened and sampled on the RSY pad
- When final results are received, data packages will be prepared and submitted for RASO approval prior to backfilling catch basins



# Selected Storm and Wastewater Sewer Lines, Building 233





# Selected Storm and Wastewater Sewer Lines

- Active Wastewater Lines Along Avenue M
  - Survey is scheduled for August 12, 19, tentatively for 26



# Selected Storm and Wastewater Sewer Lines

- **Abandoned Storm Drain Lines near Building 264**
  - Abandoned storm drain not identified



June 30, 2015



July 29, Facing west towards Bldg 264

## Schedule

Field Work	May – August 2015
Draft FSS Reports to BCT	October – November 2015
Agency and Navy Comments Due	November 2015
Resolve and Concur on Agency Comments	November – December 2015
Final FSS Reports to BCT	December 2015

# Questions?

